S4

go

true

false

Clk\_count <- Clk\_count+1

If clk\_count=72000000

S5

true

false

If clk\_count=72000000

Clk\_count <- Clk\_count+1

S6

Clk\_count <- Clk\_count+1

false

true

If clk\_count=72000000

true

If response = "0011"

false